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SAPC-10501
Copy 4 of 8

5 November 1956

Burt:

Attached is a listing of principal equipments which are to be produced for Harry's requirements. This listing reflects the recent cut-back from original quantities ordered under Contract No. A-101 and such contract will be amended to reflect these new quantities.

Your attention is invited to Item 9 - Training Simulator. Harry sets forth a requirement for 2 such Training Simulator systems. The basis for this number (two rather than one) is that he understood that sufficient spare components and parts are on hand to assemble a second system. Will you please advise me concerning this point?

Any items which have already been procured in quantities over and above the minimum quantities necessary to assemble the equipments in the attached listing will become spare parts for the equipments.

It is understood that a modest amount of procurement yet remains to be done in order to complete even these equipments and such additional procurement is hereby authorized under Contract No. A-101.

Thanks,

George

Attachment
Listing of Principal Equipments
comprising System No. 2 Requirements

24
DESCRIPTION NO.
NO. 1

2

3

4

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DATE 12/11/81

SA/PC/DCI:GK:pf (11/5/56)
25X1

Distribution:

Orig & 1 - [redacted] R-W
3 - Proj.Dir/Dep.Proj.Dir. [redacted]
4 - A-101 ✓ [redacted]
25X1 5 - Commo [redacted] 25X1
6 - Financ [redacted]
7 - Materiel [redacted]
8 - Chrono [redacted]

LISTING OF PRINCIPAL EQUIPMENTS
COMPRISED SYSTEM NO. 2 REQUIREMENTS

1.	Airborne Units	13 units.
2.	Airborne Unit Complete Spare Units	4 "
3.	Base Station Equipments, Complete	8 "
4.	Base Station Guard Sets	2 "
5.	Test Sets for Airborne Unit (Pre-flight)	5 "
6.	Test Sets for Base Station Unit	8 "
7.	Bench Test Assemblies for Airborne Unit	5 "
8.	Bench Test Assemblies for Base Station Unit	8 "
9.	Training Simulator	2 "
10.	Maintenance Instruments (Commercial)	
	a. For Airborne Units	5 "
	b. For Base Receiver Station	8 "
	c. For Base Transmitting Station	8 "
11.	Conversion Kit for Ground Operation of Airborne Unit	4 "

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Project Director

24 October 1956

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Revised System #2, Recommendations Concerning

It is now possible to state the quantities of equipment which should result from the System #2 program after the cut-back has been applied. Unfortunately, the cut-back decision occurred too late to avoid committing ourselves to essentially completing the second production cycle of the three scheduled under the original program. This situation obtains after determining that procurement of all components for the second cycle had been completed and considerable labor expended on fabrication and assembly. True economy dictated that this expense and effort be recovered in the form of usable completed units rather than salvaged component parts and vain effort. A modest recovery of part of the second cycle has been possible by diverting sub-assemblies and some complete units of airborne equipments to use in bench and pre-flight test sets. In general, however, the total savings will not be as great as was contemplated at the time the decision to cut back was made.

The quantities of the principal equipments which will be produced are shown in the following list:

Airborne Units	13	units
Airborne Unit Complete Spare Units	4	"
Base Station Equipments, Complete	6	"
Base Station Guard Sets	2	"
Test Sets for Airborne Unit (Pre-flight)	5	"
Test Sets for Base Station Unit	6	"
Bench Test Assemblies for Airborne Unit	5	"
Bench Test Assemblies for Base Station Unit	6	"
Training Simulator	2	"
Maintenance Instruments (Commercial)		
For Airborne Units	5	"
For Base Receiver Station	8	"
For Base Transmitting Station	6	"
Conversion Kit for Ground Operation of Airborne Unit	4	"

In terms of air and base station units (13 and 6 respectively), there will be enough equipment to perform the following:

- a. Conduct a complete CIA evaluation of the system and determine its possible applications.
- b. Equip the P2-V aircraft.

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- c. Equip [redacted] in Europe and the Far East for employment of the 2C function in the P2-V project.
- d. Have European network equipment in place for employment of the 2H function should it later be required by AQUARIUS, the P2-V's, or both.
- e. Make enough equipment available (on a loan basis) to the military services to permit them to evaluate the System capabilities within their own organization. It may be necessary to offer the services of our own domestic base station in this effort.

Completion of the assembly of these equipments proceeds exceedingly slowly because of its present low relative priority. The new schedule is such that the last units will not be delivered until mid-1957. This rate will be satisfactory only if CIA, P2-V and military employment can be phased successively rather than concurrently.

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cc: Contract Officer

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